

New York

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	36,935	453,928	2	Total R&D performance, 1995 (millions)	\$10,954	\$177,210	3
Doctoral engineers, 1995	5,425	86,738	3	Industry R&D, 1995 (millions)	\$8,651	\$130,332	3
S&E doctorates awarded, 1996	2,543	27,230	2	Academic R&D, 1996 (millions)	\$1,720	\$22,481	2
of which, in life sciences	25%	25%		of which, in life sciences	66%	56%	
in engineering	17%	23%		in engineering	11%	16%	
in social sciences	17%	15%		in physical sciences	9%	10%	
S&E postdoctorates, 1996	2,886	37,019	3	Higher education current-fund expenditures, 1995 (millions)	\$17,576	\$182,602	2
S&E graduate students, 1996	37,696	430,631	2	Number of SBIR awards, 1990-1997	1,439	31,155	5
in doctorate-granting institutions				Patents issued to state residents, 1997	4,814	61,699	2
Population, 1997 (000s)	18,137	271,464	3	Gross state product, 1996 (billions)	\$613.3	\$7,677.4	2
Civilian labor force, 1997 (000s)	8,807	137,564	3	of which, agriculture	0%	2%	
Personal income per capita, 1997	\$30,752	\$25,598	5	manufacturing, mining, construction	15%	23%	
Federal spending				transportation, communication, utilities	8%	8%	
Total expenditures, 1997 (millions)	\$95,622	\$1,405,060	2	wholesale and retail trade	13%	16%	
R&D obligations, 1996 (millions)	\$2,492	\$66,087	9	finance, insurance, real estate	30%	19%	
				services	23%	20%	
				government	11%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	2,491,995	134,267	204,934	883,225	994,383	194,625	80,561	9
Department of Agriculture	29,812	15,759	0	246	13,066	741	0	15
Department of Commerce	18,563	786	89	11,043	5,879	0	766	15
Department of Defense	735,475	103,795	981	580,326	48,484	1,889	0	15
Department of Energy	511,602	4,665	198,290	251,745	54,578	2,324	0	3
Dept. of Health & Human Services	946,675	2,132	3,915	17,997	669,602	176,528	76,501	4
Department of Interior	5,441	5,102	0	59	241	39	0	25
Department of Transportation	11,637	500	0	4,674	3,817	16	2,630	14
Environmental Protection Agency	3,373	0	0	452	2,412	489	20	22
Nat'l Aeronautics & Space Admin.	37,978	1,528	585	12,888	21,684	1,252	41	19
National Science Foundation	191,439	0	1,074	3,795	174,620	11,347	603	2
State rank	9	19	7	10	2	3	1	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable